

Hot-stripped optical cable



Overview

Fiber optical stripping can be done using a special stripping and preparation unit that uses hot sulfuric acid or a controlled flow of hot air to remove the coating. Optical fibers are typically protected with fiber coatings made from polymers such as acrylate, silicone or polyimide. Fiber strippers are precision tools that reliably and cleanly remove a defined length of coating. Thorlabs' Vytran[®] FWS100 Fiber Window Stripper is designed for stripping polyimide-coated optical fiber. Optix America's WRXTS6 Thermal Stripper efficiently removes. 3SAE Technologies designs and manufactures a wide range of high performance fiber optic stripping tools for optical fiber coating removal, providing the most advanced line of high strength thermal mechanical strippers, non-contact high strength fiber optic strippers and the industry's only diameter. 1) According to the connector type reference table, measure the length of the required stripped cable and fix it on the workbench; 2) Select jaws according to different outer diameters of optical cables; 4) After stripping the cable, fix the optical cable with wrapping tape to prevent the loose.



Article Content

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How to Terminate Fiber Optic Cable: Top 5 Essential Tips

Learn how to terminate fiber optic cable with connectors and splicing. Discover tools, techniques, and tips for precise termination.

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How To Use A Fiber Optic Thermal Stripper | FIS Thermal Stripper

The FIS Thermal Stripper makes stripping 900µm or 250µm fibers easy and reduces the chances of breaking a fiber compared to traditional mechanical methods. T...

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Soft-Strip® MS-4T-08S-40-FS Precision Stripper_Hot

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Optical communication is now the dominant network transmission method in society, which is nothing more than because it has many advantages and is now a new transmission

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Exploring the Different Types of Optical Fiber Strippers The term “optical fiber stripper” covers a range of tools, each designed for specific cable

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Optical Fiber Stripping

These relatively soft polymer materials facilitate the stripping process. >> Why Optical Fiber Stripping? Fiber stripping is the first step in fiber preparation for

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How to Strip And Clean Fiber-Optic Cable

Whether it is indoor or outdoor fiber-optic (FO) cable, using a step-by-step approach reduces the chance of fiber damage while ensuring the performance of fibers our continuing

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How to Strip and Clean Fiber-Optic Cable?

How to Strip and Clean Fiber-Optic Cable? To strip and clean outdoor FO cable, you have to start with the outer jacket. Step 1: Mark the armor (if the cable has armor)

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Fiber Optic Stripping

Optical fiber coatings play an important role in fiber strength, fatigue, and attenuation. Polyimide coatings on optical fiber are in growing demand because of their

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Thermal Fiber Optic Stripper MPO Sinoptec Stripping

Sinoptec Thermal Fiber Optic Stripper for MPO fibers. This adjustable tool thermomechanically removes tough, baked-on coatings from optical cladding with

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Handheld Thermal Stripper for Ribbon or Simplex Fiber

Can strip more than 300 times before needing to be recharged Strips simplex and ribbon fiber cable (2 - 12 strand) quickly and cleanly every time Rapidly heats to

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How To Strip Fiber Optic Cable | Instructional

In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a simple way to strip optical fiber. #instructional #fiberoptics #fiberF...

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WRXTS6 Thermal Stripper

Optix America's WRXTS6 Thermal Stripper efficiently removes insulation from fiber optic cables. Fast heating, rechargeable & ergonomic design.

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Fiber Patch Cord Manufacturing – Stripping & Curing Guide

Learn how cable stripping and curing affect fiber cord quality. Discover best practices for precise stripping, epoxy curing, and reliable connector termination.

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Stripping (fiber)

Fiber optical stripping can be done using a special stripping and preparation unit that uses hot sulfuric acid or a controlled flow of hot air to remove the coating.

Mar 29, 2026

stripping fiber optic cables

I am stripping two 144F loose tube cables and one 48F loose tube cable. Please like, subscribe, and comment any questions you may have.

Aug 01, 2025

Fiber and Cable Stripper - Types, Uses & Guide

2. CFS-2 Fiber Cable Cutting Scissors the three-hole optical fiber cable cutting scissors uses a three-hole segmented stripper, which is small in size, light

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Optical Fiber Strippers

Read More Thermal Fiber Stripper The most secure way to strip optical fibers Thermal fiber strippers can be used to remove the cladding from optical fibers

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How To Prepare Your Fiber Optic Cable For Splicing

In this week's video, Ben Hamlitsch shows you how to cut, strip, clean, and cleave your fiber optic cable! He also shares some best practices to follow and a...

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Fiber Optic Termination Tools

These fiber buffer stripping tools provide a quick, easy, and reliable way to remove the buffer from an optical fiber in preparation for connectorization. A fiber guide

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Preparing your Fiber Optic Cable for Connectors or Splices

Learn the essential steps and tools for preparing fiber optic cables for connectors or splices. Master mechanical and fusion splicing techniques to

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FITEL Thermal Ribbon Stripper

When you need a cordless, light-weight, quick-strip solutions, the S218R optical fibre stripper efficiently solves your problems. This hot-stripping tool removes the

Oct 20, 2025

Active Optical Cable AOC Cable 10G 25G 40G 100G 1m 2m 3m 5m

Active Optical Cable AOC Cable 10G 25G 40G 100G 1m 2m 3m 5m QSFP/QSFP28
100G aggregate bandwidth, 4-channel full-duplex transmission QSFP28
hot-pluggable, high-density form factor 850

Mar 18, 2026

Fiber Optic Thermal Strippers | FiberOptic Resale Corp

Fiber Optic Thermal Strippers We offer thermal strippers from Sumitomo, INNO
Instrument, Fitel and Jonard Industries. These easy-to-use thermal strippers are

Jul 04, 2025

Vytran® Fiber Window Stripper for Polyimide-Coated Fiber

Thorlabs' Vytran ® FWS100 Fiber Window Stripper is designed for stripping
polyimide-coated optical fiber. Polyimide coatings have high temperature and

Aug 09, 2025

POF Basics: Termination

POF Termination and Insulation How are fiber optic cables insulated? Plastic optical
fiber, being made of an insulating material, does not conduct electricity. This

Jan 21, 2026

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that reliably and cleanly remove a defined length of
coating (often 30–40 mm) from a fiber end so that the bare glass is exposed

May 26, 2026

Thermal Stripper

Designed to strip the jacket of single fiber and ribbon cable up to 12 fibers, it offers
extreme convenience under any tough environment. Benefits include fast heating

Jan 30, 2026

Good stripping techniques for your fiber optic cable

Without question, good stripping techniques in your fiber optic cable assembly
process are imperative. What happens if you damage the fiber during this

Contact Us

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